

## IN THE CLAIMS

Please amend claims 16 and 17 as follows:

1. (Previously Amended) A device adapted to communicate with an audio mux, the audio mux receiving a vocoder input from a vocoder and an audio decoder input from an audio decoder, the device comprising:

a stereo/mono control unit coupled to a codec; and

a plug-in detection circuit for determining a type of an audio output device coupled to an I/O jack and outputting the determined type of the audio output device to the stereo/mono control unit;

wherein the stereo/mono control unit receives an audio mux input identifying a type of a signal that the codec received from the audio mux, and the stereo/mono control unit a control output to the codec based on the determined type of the audio output device and the identified type of the signal .

2. (Original) The device of claim 1 wherein the control output is coupled to a plurality of components in a receive audio processing path of the codec.

3. (Original) The device of claim 2 wherein the plurality of components are in a right channel of the receive audio processing path.

4. (Original) The device of claim 2 wherein the plurality of components are in a left channel of the receive audio processing path.

5. (Original) The device of claim 2 wherein the control output disables at least one of the plurality of components to reduce power consumption in the receive audio processing path of the codec.

6. (Original) The device of claim 2 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

7. (Original) The device of claim 6 wherein the control output disables at least one of the plurality of components to reduce power consumption in the receive audio processing path of the codec.

8. (Previously Amended) The device of claim 1 wherein the control output disables at least one of a plurality of components in a receive audio processing path of the codec when the identified type of the signal is a voice signal.

9. (Original) The device of claim 8 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

10. (Cancel)

11. (Cancel)

12. (Previously Amended) A method for processing received audio signals in a device, the method comprising:

determining a type of an audio output device coupled to an I/O jack;

determining a type of the received audio signals; and

providing a control output to disable or enable a first channel in a receive audio processing path based on the type of the audio output device and the type of the received audio signals

13. (Previously Amended) The method of claim 12, further comprising:

disabling the first channel in the receive audio processing path and enabling a second channel in the receive audio processing path when the type of the received audio signals is mono signals; and

enabling the first channel in the receive audio processing path and enabling the second channel in the receive audio processing path when the type of the received audio signals is stereo signals,

wherein the disabling of the first channel is performed by a stereo/mono control unit.

14. (Original) The method of claim 13 wherein the disabling of the first channel is performed by the control output of the stereo/mono control unit disabling at least one of a plurality of components in the first channel.

15. (Original) The method of claim 14 wherein the plurality of components comprise a receive gain, a receive filter, a digital-to-analog converter, a left/right selector, and a headset amp.

16. (Currently Amended) The method of claim ~~[[12]]~~ 13 wherein the first channel is a right channel in the receive audio processing path and wherein the second channel is a left channel in the receive audio processing path.

17. (Currently Amended) The method of claim ~~[[12]]~~ 13 wherein the first channel is a left channel in the receive audio processing path and wherein the second channel is a right channel in the receive audio processing path.

18. (Previously Amended) The method of claim 13 wherein the device comprises a vocoder and an audio decoder, wherein the vocoder provides voice signals to an audio mux, and wherein the audio decoder provides music signals to the audio mux.

19. (Original) The method of claim 18 wherein the stereo/mono control unit receives the audio signals from the audio mux.

20. (Previously Amended) The method of claim 12, wherein the type of the audio output device is a stereo output component.

21. (Original) The method of claim 20 further comprising disabling the first channel when the stereo output component is not coupled to the device.